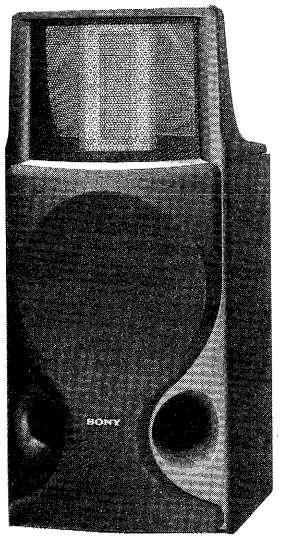
SA-H7900

SERVICE MANUAL



US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Tourist Model

This unit is a speaker system for MHC-7900/P100X.

SPECIFICATIONS

Speaker system: Active speaker, 2-way bass reflex

Speaker units
- Woofer: 17 cm dia., Motional Feedback (MFB) system, cone type
- Tweeter: 2.5 x 10 cm, electrostatic type

Power requirement
- US, Canadian Model : 120 V AC, 60 Hz
- UK Model : 240 V AC, 50 Hz
- AEP, German, Italian, Australian Model : 220 – 230 V AC, 50/60 Hz
- E, Tourist Model : 110 – 120 V/220 – 240 V AC, 50/60 Hz

Continuous RMS power output
- Woofer: 50 watts (6 ohms at 1 kHz, DIN)
  65 watts (6 ohms at 1 kHz, 5% THD)
  50 watts (6 ohms at 20 – 2700 Hz, 0.8% THD)
- Tweeter: 8 watts (50 ohms at 5 kHz, DIN)
  10 watts (50 ohms, at 5 kHz, 5% THD)
  8 watts (50 ohms at 2700 – 20 kHz, 0.8% THD)

Music power output
- Woofer: 125 watts (6 ohms at 1 kHz, 10% THD)
- Tweeter: 125 watts (6 ohms, at 5 kHz, 10% THD)

Peak music power output: 250 + 250 watts

Power consumption: 50 watts

Dimensions
Approx. 220 x 500 x 315mm (8 3/4 x 19 3/4 x 12 1/2 inches) (W/H/D)

Mass
Approx. 9.6 kg (21 lb 3 oz) net per speaker

Supplied accessories

AC power cords (2)
Audio cords (2)

This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.

SPEAKER SYSTEM

SONY®

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

Flexible Circuit Board Repairing

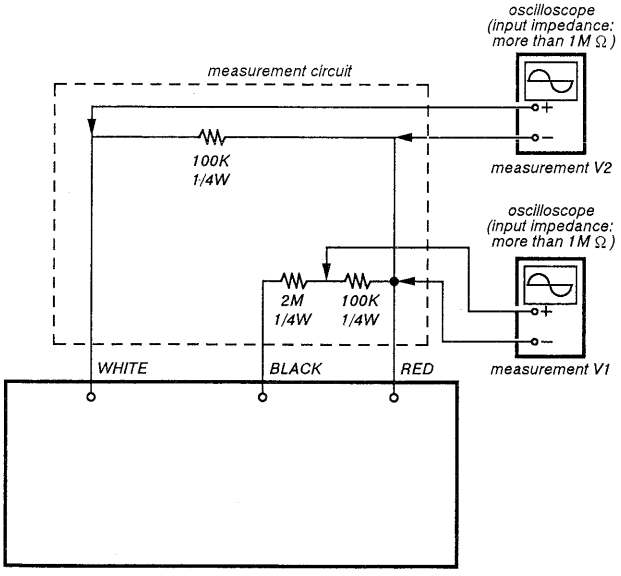
- Keep the temperature of the soldering iron around 270°C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

SECTION 1
OPERATION CHECK OF BIAS BLOCK

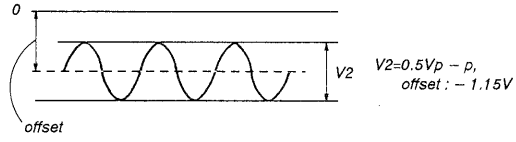
Setting :

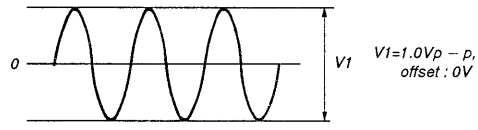


【BIAS BOARD】 (Component side)

Checking method :

1. Input 5kHz, − 46dBm from SG.
2. Confirm the output waveform with an oscilloscope.





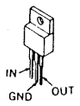
※ Since V1 and V2 are high impedance, noise (hum component) may easily occur, but this is not an abnormality.

example :

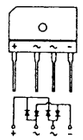
SECTION 2
DIAGRAMS

● SEMICONDUCTOR LEAD LAYOUTS

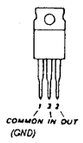
M5F7815



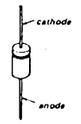
D2SBA20F03
RBA-402



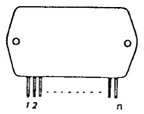
M5F7915



UZP-15BC-TP
1N4148M



SKT401-100B



SEL3510C-CD

TL072ACP

μ PC1237HA

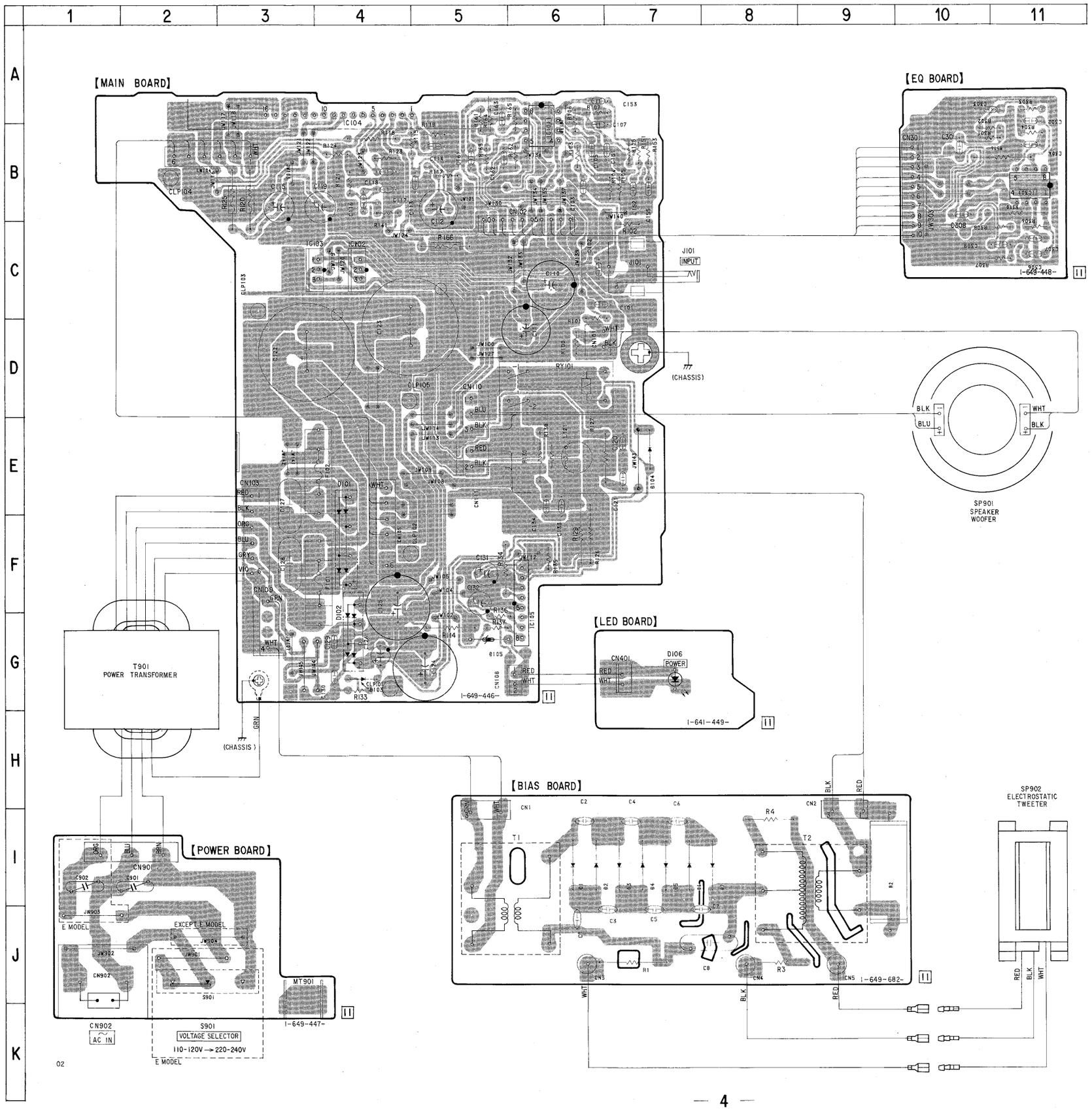
● SEMICONDUCTOR LOCATION

Ref. No.	Location
D1	I-6
D2	I-6
D3	I-7
D4	I-7
D5	I-7
D6	I-7
D7	I-8
D101	F-4
D102	G-4
D103	G-4
D104	E-7
D105	G-5
D106	G-7
IC101	B-6
IC102	C-4
IC103	C-4
IC104	A-4
IC105	F-6
IC301	B-11

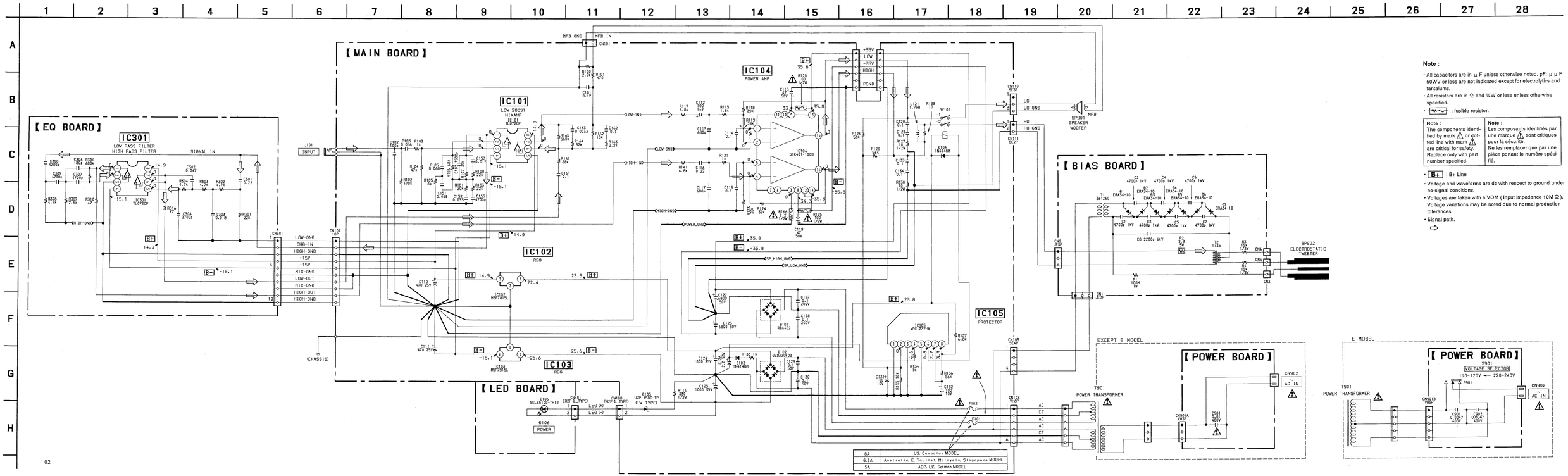
Note:

- O— : parts extracted from the component side.
- ▒▒ : Pattern on the side which is seen.

2-1. PRINTED WIRING BOARDS



2-2. SCHEMATIC DIAGRAM



Note :

- All capacitors are in μ F unless otherwise noted. pF: μ μ F 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- : fusible resistor.

Note :	Note :
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- B+ : B+ Line
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Signal path.

SECTION 3
EXPLODED VIEWS

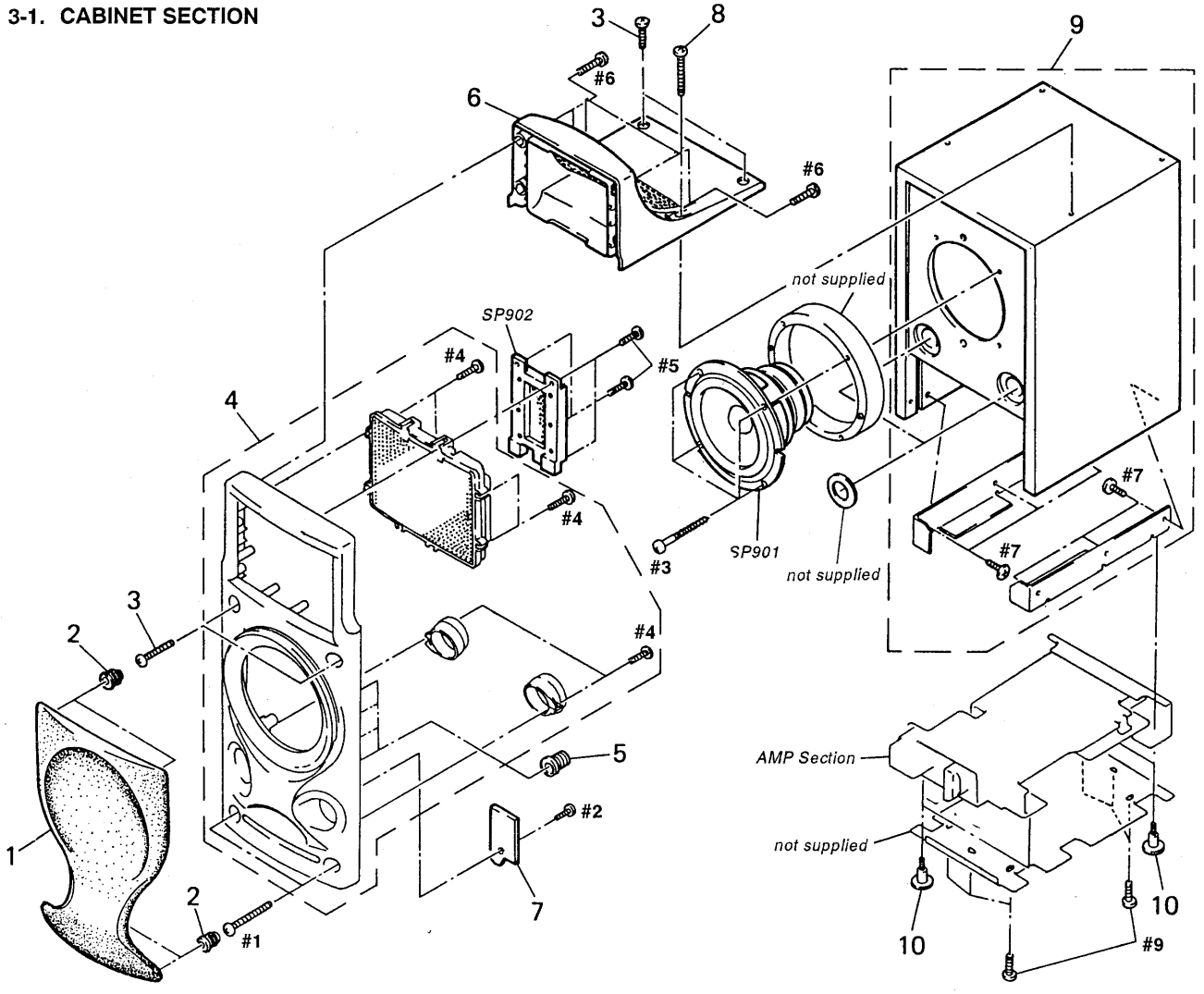
NOTE :

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * "are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- SP : Singapore
  MY : Malaysia
  G : German
- IT : Italian
  AUS : Australian
  JE : Tourist

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

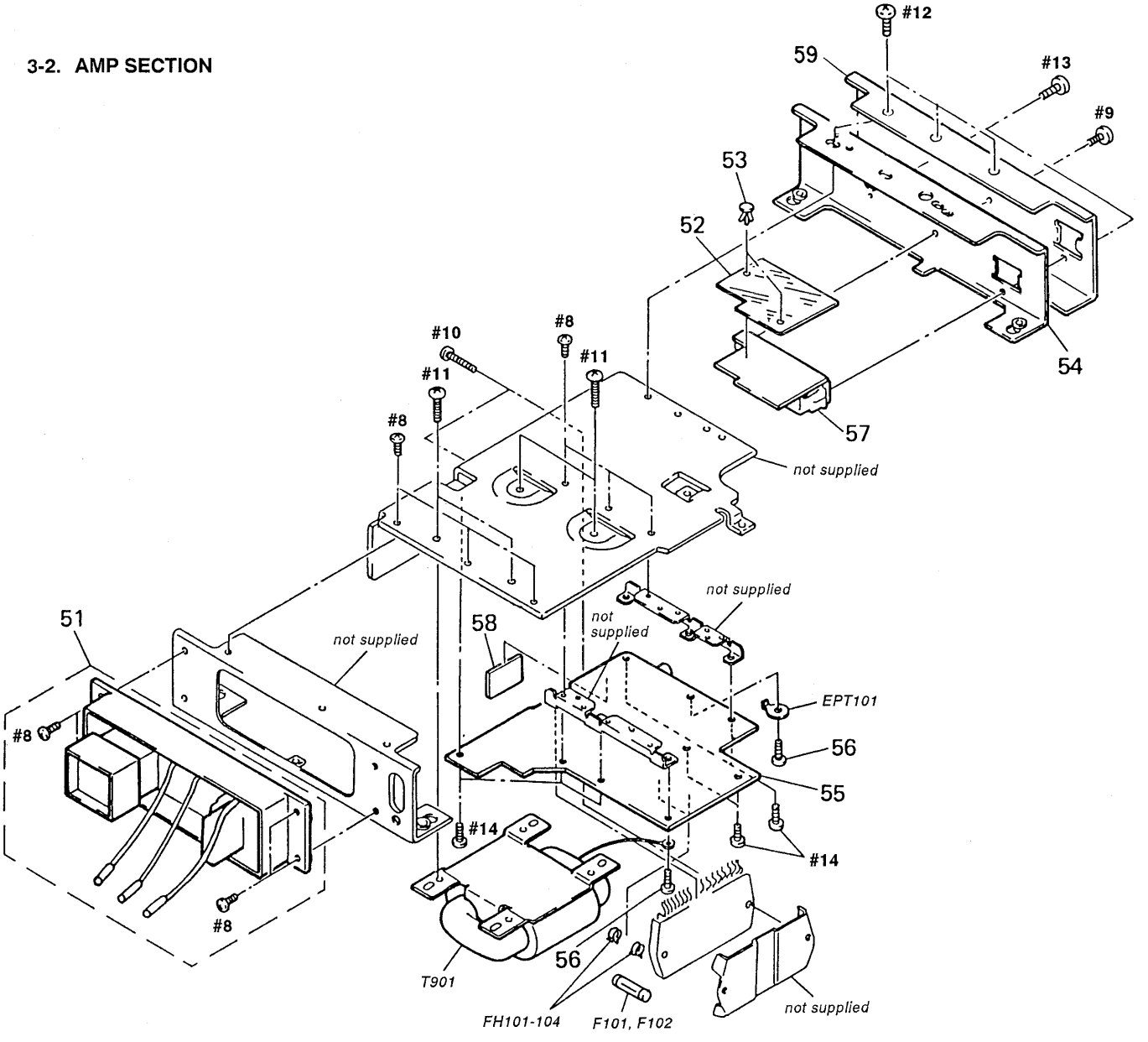
3-1. CABINET SECTION



Ref. No.	Part No.	Description	Remark
1	X-4944-031-1	FRAME ASSY, GRILLE	
2	4-912-253-01	CATCHER	
3	4-962-063-01	SCREW	
4	X-4944-030-1	PANEL ASSY, FRONT (AEP, UK, E, SP, MY, G, IT, AUS, JE)	
4	X-4944-290-2	PANEL ASSY, FRONT (US, Canadian)	
* 5	4-963-075-01	CATCHER	
6	X-4944-033-1	CABINET ASSY, REAR (AEP, UK, E, SP, MY, G, IT, AUS, JE)	
6	X-4944-293-2	CABINET ASSY, REAR (US, Canadian)	

Ref. No.	Part No.	Description	Remark
* 7	1-649-449-11	LED BOARD	
8	4-964-224-01	SCREW	
* 9	X-4944-032-1	CABINET ASSY, SPEAKER (US, Canadian, UK, E, SP, MY, AUS, JE)	
10	4-962-061-01	SCREW, STEP	
10	X-4944-297-1	CABINET ASSY, SPEAKER (AEP, G, IT)	
SP901	1-504-385-11	WOOFER (EXCEPT E, JE)	
SP901	1-504-532-11	WOOFER (E, JE)	
SP902	1-504-388-11	TWEETER (EXCEPT US, Canadian)	
SP902	1-504-511-11	TWEETER (US, Canadian)	

3-2. AMP SECTION



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
* 51	A-4353-470-A	BIAS BLOCK ASSY (AEP, UK, E, SP, MY, G, IT, AUS, JE)	
* 51	A-4353-808-A	BIAS BLOCK ASSY (US, Canadian)	
* 52	4-962-148-01	SHEET (INSULATED)	
53	4-812-134-11	RIVET NYLON, 3.5	
* 54	4-962-014-11	PANEL, REAR (AEP)	
* 54	4-962-014-21	PANEL, REAR (G, IT)	
* 54	4-962-014-31	PANEL, REAR (UK)	
* 54	4-962-014-41	PANEL, REAR (E, SP, MY, AUS, JE)	
* 54	4-962-014-51	PANEL, REAR (Canadian)	
* 54	4-962-014-61	PANEL, REAR (US)	
* 55	A-4365-406-A	MAIN BOARD, COMPLETE	
56	3-363-099-01	SCREW (CASE 3 TP2)	
* 57	1-649-447-11	POWER BOARD	
* 58	1-649-448-11	EQ BOARD	
* 59	4-966-374-01	COVER (E, SP, MY, AUS, JE)	

Ref. No.	Part No.	Description	Remark
* 59	4-966-374-11	COVER (AEP, UK, G, IT)	
* EPT101	4-870-539-00	PLATE, GROUND	
⚠F101	1-532-299-00	FUSE (5A/250V) (E, SP, MY, AUS, JE)	
⚠F101	1-532-506-51	FUSE (6.3A/250V) (AEP, UK, IT)	
⚠F101	1-532-749-11	FUSE, GLASS TUBE (8A/125V) (US, Canadian)	
⚠F102	1-532-299-00	FUSE (5A/250V) (E, SP, MY, AUS, JE)	
⚠F102	1-532-506-51	FUSE (6.3A/250V) (AEP, UK, IT)	
⚠F102	1-532-749-11	FUSE, GLASS TUBE (8A/125V) (US, Canadian)	
* FH101	1-533-293-11	FUSE HOLDER	
* FH102	1-533-293-11	FUSE HOLDER	
* FH103	1-533-293-11	FUSE HOLDER	
* FH104	1-533-293-11	FUSE HOLDER	
⚠T901	1-426-678-11	TRANSFORMER, POWER (US, Canadian)	
⚠T901	1-426-679-11	TRANSFORMER, POWER (UK)	
⚠T901	1-426-680-11	TRANSFORMER, POWER (AEP, G, IT)	
⚠T901	1-426-681-11	TRANSFORMER, POWER (E, SP, MY, AUS, JE)	

SECTION 4
ELECTRICAL PARTS LIST

EQ **LED** **MAIN**

NOTE :
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms
  METAL : Metal-film resistor
  METAL OXIDE : Metal oxide-film resistor
  F : nonflammable
- Items marked " * "are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : μ , for example :
  uA.... : μ A.... , uPA.... : μ PA....
  uPB.... : μ PB.... , uPC.... : μ PC....
  uPD.... : μ PD....
- CAPACITORS
  uF : μ F
- COILS
  uH : μ H
- SP : Singapore
  MY : Malaysia
  G : German
- IT : Italian
  AUS : Australian
  JE : Tourist

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref.No.	Part No.	Description			Remark
*	1-649-448-11	EQ BOARD			
		********			
	1-751-762-11	CORD, CONNECTION (C)			
	1-751-763-11	CORD, CONNECTION (B)			
	1-751-764-11	CORD, CONNECTION (A)			
		< CAPACITOR >			
C301	1-136-169-00	FILM	0.22uF	5% 50V	
C302	1-136-161-00	FILM	0.047uF	5% 50V	
C303	1-136-156-00	FILM	0.018uF	5% 50V	
C304	1-130-476-00	MYLAR	0.0027uF	5% 50V	
C306	1-110-338-51	MYLAR	180PF	5% 50V	
C307	1-130-479-00	MYLAR	0.0047uF	5% 50V	
C308	1-130-479-00	MYLAR	0.0047uF	5% 50V	
C309	1-130-479-00	MYLAR	0.0047uF	5% 50V	
		< CONNECTOR >			
* CN301	1-750-970-11	CONNECTOR (L TYPE) 10P			
		< DIODE >			
D1	8-719-018-82	DIODE	RGP02-20EL-6394		
D2	8-719-018-82	DIODE	RGP02-20EL-6394		
D3	8-719-018-82	DIODE	RGP02-20EL-6394		
D4	8-719-018-82	DIODE	RGP02-20EL-6394		
D5	8-719-018-82	DIODE	RGP02-20EL-6394		
D6	8-719-018-82	DIODE	RGP02-20EL-6394		
D7	8-719-018-82	DIODE	RGP02-20EL-6394		
		< IC >			
IC301	8-759-910-83	IC	TL072ACP		

Ref.No.	Part No.	Description			Remark
		< RESISTOR >			
R301	1-259-460-11	CARBON	22K	5% 1/6W	
R302	1-259-444-11	CARBON	4.7K	5% 1/6W	
R303	1-259-444-11	CARBON	4.7K	5% 1/6W	
R304	1-259-444-11	CARBON	4.7K	5% 1/6W	
R306	1-259-496-11	CARBON	680K	5% 1/6W	
R307	1-259-449-11	CARBON	7.5K	5% 1/6W	
R308	1-259-444-11	CARBON	4.7K	5% 1/6W	
R310	1-259-396-11	CARBON	47	5% 1/6W	
R516	1-259-396-11	CARBON	47	5% 1/6W	
**********					
*	1-649-449-11	LED BOARD			
		*********			
		< CONNECTOR >			
CN401	1-564-517-11	PLUG, CONNECTOR 2P			
		< DIODE >			
D106	8-719-018-46	LED	SEL3510C-CD(POWER)		
**********					
*	A-4365-406-A	MAIN BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C101	1-136-166-00	FILM	0.12uF	5% 50V	
C102	1-110-335-11	MYLAR	100PF	5% 50V	
C103	1-136-162-00	FILM	0.056uF	5% 50V	
C105	1-136-163-00	FILM	0.068uF	5% 50V	
C107	1-130-473-00	MYLAR	0.0015uF	5% 50V	
C110	1-124-913-11	ELECT	470uF	20% 50V	
C111	1-124-913-11	ELECT	470uF	20% 50V	
C112	1-124-122-11	ELECT	100uF	20% 50V	

MAIN

Ref. No.	Part No.	Description			Remark
C113	1-130-469-00	MYLAR	680PF	5%	50V
C114	1-136-165-00	FILM	0.1uF	5%	50V
C115	1-124-910-11	ELECT	47uF	20%	50V
C116	1-136-169-00	FILM	0.22uF	5%	50V
C117	1-130-469-00	MYLAR	680PF	5%	50V
C118	1-136-165-00	FILM	0.1uF	5%	50V
C119	1-124-910-11	ELECT	47uF	20%	50V
C120	1-136-165-00	FILM	0.1uF	5%	50V
C121	1-136-165-00	FILM	0.1uF	5%	50V
C122	1-107-575-11	ELECT	6800uF	20%	50V
C123	1-107-575-11	ELECT	6800uF	20%	50V
C124	1-126-105-11	ELECT	1000uF	20%	35V
C125	1-126-105-11	ELECT	1000uF	20%	35V
C126	1-124-257-00	ELECT	2.2uF	20%	50V
C127	1-106-391-12	MYLAR	0.1uF	5%	200V
C128	1-106-391-12	MYLAR	0.1uF	5%	200V
C129	1-136-165-00	FILM	0.1uF	5%	50V
C130	1-136-165-00	FILM	0.1uF	5%	50V
C131	1-124-584-00	ELECT	100uF	20%	10V
C132	1-124-584-00	ELECT	100uF	20%	10V
C133	1-136-165-00	FILM	0.1uF	5%	50V
C134	1-136-165-00	FILM	0.1uF	5%	50V
C151	1-136-163-00	FILM	0.068uF	5%	50V
C152	1-136-159-00	FILM	0.033uF	5%	50V
C153	1-136-154-00	FILM	0.012uF	5%	50V
C155	1-130-479-00	MYLAR	0.0047uF	5%	50V
C161	1-136-165-00	FILM	0.1uF	5%	50V
C162	1-136-165-00	FILM	0.1uF	5%	50V
C163	1-130-477-00	MYLAR	0.0033uF	5%	50V
		< CONNECTOR >			
CN101	1-564-320-00	PIN, CONNECTOR 2P			
* CN103	1-564-243-00	PIN, CONNECTOR 6P			
CN108	1-564-517-11	PLUG, CONNECTOR 2P			
CN109	1-564-241-00	PIN, CONNECTOR 4P			
CN110	1-564-104-00	PIN, CONNECTOR 3P			
CN111	1-564-320-00	PIN, CONNECTOR 2P			
		< DIODE >			
D101	8-719-312-09	DIODE	RBA-402		
D102	8-719-043-53	DIODE	D2SBA20F03		
D103	8-719-987-63	DIODE	1N4148M		
D104	8-719-987-63	DIODE	1N4148M		
D105	8-719-015-53	DIODE	UZP-15BC-TP		
		< PLATE, GROUND >			
* EPT101	4-870-539-00	PLATE, GROUND			

Ref. No.	Part No.	Description				Remark
		< FUSE HOLDER >				
* FH101	1-533-293-11	FUSE HOLDER				
* FH102	1-533-293-11	FUSE HOLDER				
* FH103	1-533-293-11	FUSE HOLDER				
* FH104	1-533-293-11	FUSE HOLDER				
		< IC >				
IC101	8-759-982-03	IC	RC5532DD			
IC102	8-759-231-59	IC	M5F7815			
IC103	8-759-245-87	IC	M5F7915			
IC104	8-749-924-68	IC	STK401-100B			
IC105	8-759-111-68	IC	uPC1237HA			
		< JACK >				
J101	1-750-969-11	JACK, PIN(INPUT)				
		< COIL >				
* L121	1-420-872-00	COIL, AIR CORE				
		< RESISTOR >				
R100	1-259-436-11	CARBON	2.2K	5%	1/6W	
R101	1-259-420-11	CARBON	470	5%	1/6W	
R102	1-259-492-11	CARBON	470K	5%	1/6W	
R103	1-259-428-11	CARBON	1K	5%	1/6W	
R104	1-259-468-11	CARBON	47K	5%	1/6W	
R105	1-259-458-11	CARBON	18K	5%	1/6W	
R106	1-259-472-11	CARBON	68K	5%	1/6W	
R107	1-259-466-11	CARBON	39K	5%	1/6W	
R108	1-259-460-11	CARBON	22K	5%	1/6W	
R114	1-260-093-11	CARBON	330	5%	1/2W	
R115	1-259-434-11	CARBON	1.8K	5%	1/6W	
R117	1-259-448-11	CARBON	6.8K	5%	1/6W	
R118	1-259-466-11	CARBON	39K	5%	1/6W	
R119	1-259-466-11	CARBON	39K	5%	1/6W	
⚠R120	1-212-982-00	FUSIBLE	100	5%	1/2W	F
R121	1-259-428-11	CARBON	1K	5%	1/6W	
R123	1-259-466-11	CARBON	39K	5%	1/6W	
R124	1-259-466-11	CARBON	39K	5%	1/6W	
⚠R125	1-212-982-00	FUSIBLE	100	5%	1/2W	F
R126	1-259-470-11	CARBON	56K	5%	1/6W	
R127	1-260-076-11	CARBON	10	5%	1/2W	
R129	1-259-470-11	CARBON	56K	5%	1/6W	
R130	1-260-076-11	CARBON	10	5%	1/2W	
R133	1-259-428-11	CARBON	1K	5%	1/6W	
R134	1-259-428-11	CARBON	1K	5%	1/6W	
R135	1-259-452-11	CARBON	10K	5%	1/6W	
R136	1-259-470-11	CARBON	56K	5%	1/6W	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description				Remark
R137	1-259-448-11	CARBON	6.8K	5%	1/6W	
R138	1-259-380-11	CARBON	10	5%	1/6W	
R141	1-259-448-11	CARBON	6.8K	5%	1/6W	
R151	1-259-478-11	CARBON	120K	5%	1/6W	
R153	1-259-460-11	CARBON	22K	5%	1/6W	
R161	1-259-472-11	CARBON	68K	5%	1/6W	
R162	1-259-458-11	CARBON	18K	5%	1/6W	
R163	1-259-436-11	CARBON	2.2K	5%	1/6W	
R164	1-259-474-11	CARBON	82K	5%	1/6W	
R165	1-259-494-11	CARBON	560K	5%	1/6W	
⚠R166	1-212-942-00	FUSIBLE	2.2	5%	1/2W F	
		< RELAY >				
RY101	1-515-676-11	RELAY				
**********						
*	1-649-447-11	POWER BOARD				
		**********				
		< CAPACITOR >				
⚠C901	1-162-599-12	CERAMIC	0.0047uF		400V	
⚠C902	1-162-599-12	CERAMIC	0.0047uF		400V	
					(E, SP, MY, AUS, JE)	
		< CONNECTOR >				
* CN901	1-564-321-00	PIN, CONNECTOR 2P				
					(US, Canadian, AEP, UK, G, IT)	
* CN901	1-564-687-11	PIN, CONNECTOR 3P(E, SP, MY, AUS, JE)				
⚠CN902	1-526-930-11	INLET, AC(AC IN)(US, Canadian)				
⚠CN902	1-526-931-11	INLET, AC(AC IN)				
					(AEP, UK, E, SP, MY, G, IT, AUS, JE)	
		< SWITCH >				
⚠S901	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE				
		(VOLTAGE SELECTOR)(E, SP, MY, AUS, JE)				
**********						
		MISCELLANEOUS				
		**********				
* EPT101	4-870-539-00	PLATE, GROUND				
⚠F101	1-532-299-00	FUSE(5A/250V)(E, SP, MY, AUS, JE)				
⚠F101	1-532-506-51	FUSE(6.3A/250V)(AEP, UK, IT)				
⚠F101	1-532-749-11	FUSE, GLASS TUBE(8A/125V)(US, Canadian)				
⚠F102	1-532-299-00	FUSE(5A/250V)(E, SP, MY, AUS, JE)				
⚠F102	1-532-506-51	FUSE(6.3A/250V)(AEP, UK, IT)				
⚠F102	1-532-749-11	FUSE, GLASS TUBE(8A/125V)(US, Canadian)				
SP901	1-504-385-11	WOOFER(EXCEPT E, JE)				
SP901	1-504-532-11	WOOFER(E, JE)				

Ref.No.	Part No.	Description	Remark
SP902	1-504-388-11	TWEETER(EXCEPT US, Canadian)	
SP902	1-504-511-11	TWEETER(US, Canadian)	
⚠T901	1-426-678-11	TRANSFORMER, POWER(US, Canadian)	
⚠T901	1-426-679-11	TRANSFORMER, POWER(UK)	
⚠T901	1-426-680-11	TRANSFORMER, POWER(AEP, G, IT)	
⚠T901	1-426-681-11	TRANSFORMER, POWER(E, SP, MY, AUS, JE)	
**********			
		ACCESSORIES & PACKING MATERIALS	
		**********	
⚠	1-575-131-11	CORD, POWER(AEP, E, SP, MY, G, IT, AUS, JE)	
⚠	1-575-706-11	CORD, POWER(US, Canadian)	
	1-751-598-11	CORD, CONNECTION (PIN-PIN)	
		(US, Canadian, AEP, E, SP, MY, G, IT, AUS, JE)	
⚠	1-765-371-11	CORD, POWER(UK)	
	1-765-388-11	CORD, CONNECTION (PIN-PIN)(UK)	
	3-701-940-01	LABEL, BEAB(UK)	
	3-758-615-11	MANUAL, INSTRUCTION(ENGLISH/FRENCH/ GERMAN/ITALIAN/SPANISH/DUTCH/SWEDISH/ PORTUGUESE/ARABIC/CHINESE/KOREAN)	
	4-889-140-01	BAG, PROTECTION	
*	4-961-905-01	CUSHION (UPPER)	
*	4-961-906-01	CUSHION (LOWER)	
*	4-964-732-01	INDIVIDUAL CARTON(AEP, UK, G, IT, AUS)	
*	4-964-733-01	INDIVIDUAL CARTON(US, Canadian)	
*	4-964-734-01	INDIVIDUAL CARTON(E, SP, MY)	
*	4-966-213-01	INDIVIDUAL CARTON(JE)	
**********			
		**********	
		HARDWARE LIST	
		**********	
#1	7-682-553-04	SCREW +BVTT 3X20 (S)	
#2	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT	
#3	7-621-849-50	SCREW, WOOD +R 4.1X40	
#4	7-685-647-79	SCREW +P 3X10 TYPE2 NON-SLIT	
#5	7-685-650-79	SCREW +P 3X16 TYPE2 NON-SLIT	
#6	7-685-663-79	SCREW +BVTP 4X16 TYPE2 IT-3	
#7	7-685-162-01	SCREW (4X14), (+) (B) TAPPING	
#8	7-682-548-04	SCREW +BVTT 3X8 (S)	
#9	7-682-547-09	SCREW +BVTT 3X6 (S)	
#10	7-682-552-04	SCREW +BVTT 3X16 (S)	
#11	7-682-562-04	SCREW +BVTT 4X10 (S)	
#12	7-682-549-04	SCREW +BVTT 3X10 (S)	
#13	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#14	7-685-646-79	SCREW +BV 1P 3X8 IT3 CZN	

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Audio Group

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